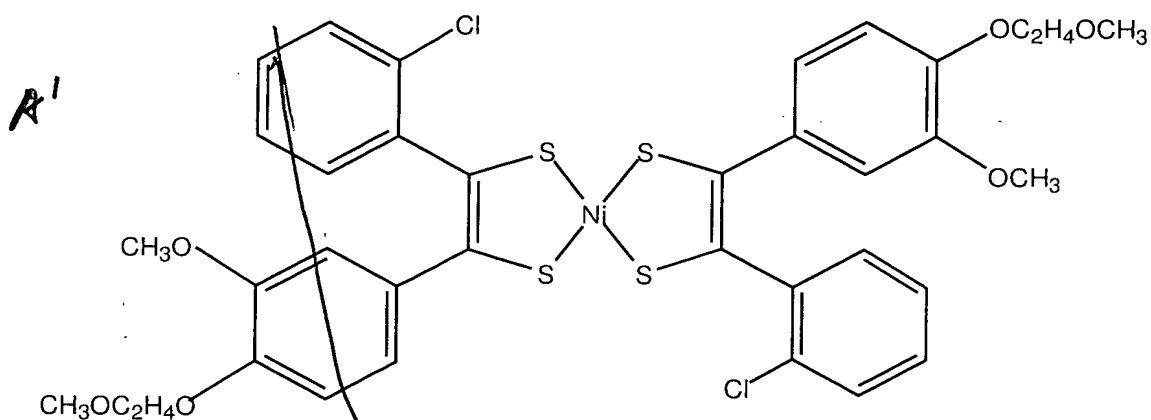


What is claimed is:

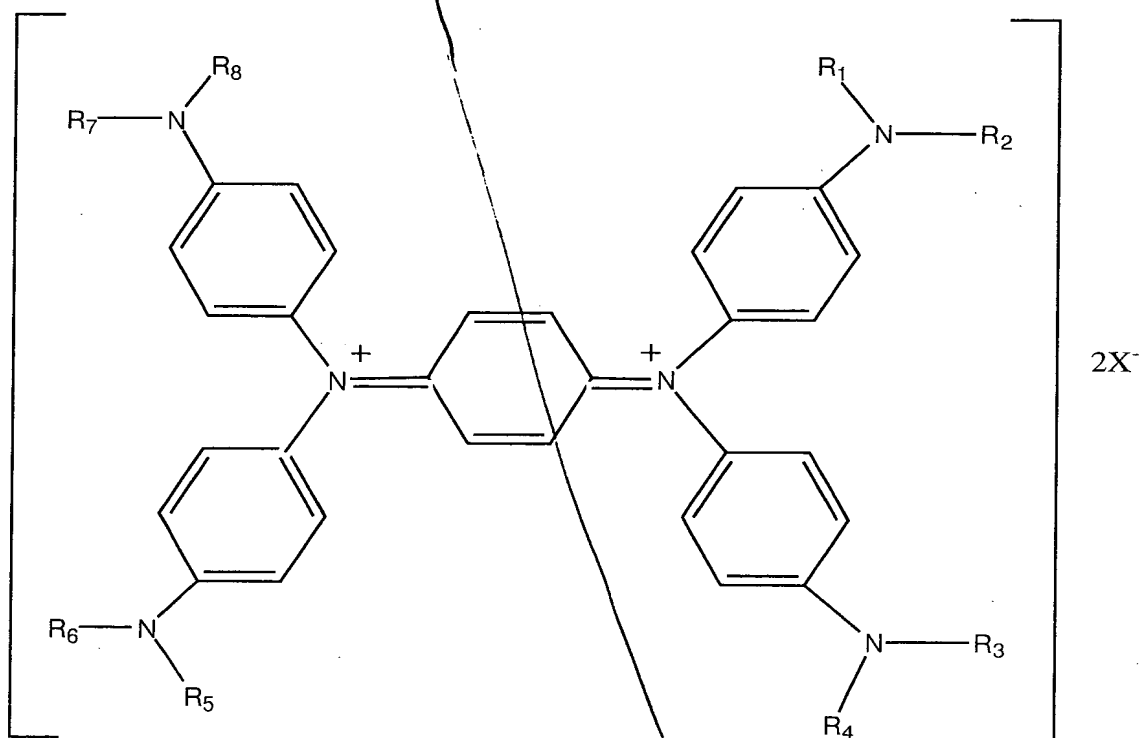
1. A near infrared absorption material comprising:  
a transparent substrate, and  
at least a transparent resin layer formed thereon,  
containing a near infrared absorption dye and a dye selectively absorbing a light of 550 to 620 nm wavelength region.

2. A near infrared absorption material comprising:  
a transparent substrate, and  
at least a transparent resin layer containing a near infrared absorption dye and an adhesive layer containing a dye selectively absorbing a light of 550 to 620 nm wavelength region, both formed on the transparent substrate so that the adhesive layer becomes the outermost layer.

3. A near infrared absorption material according to Claim 1 or 2, wherein the near infrared absorption dye is a dithiol-nickel complex represented by the following formula (1):

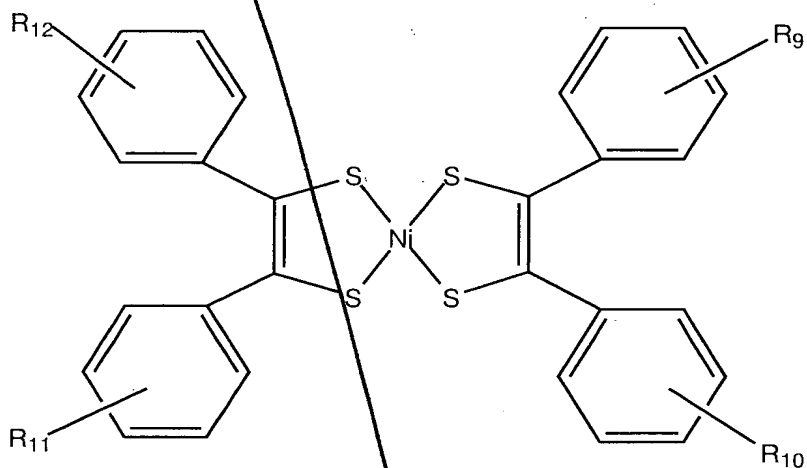


and at least one kind of diimonium compound represented by the following general formula (2):



Al (wherein  $R_1$  to  $R_8$  may be the same or different and are each a hydrogen atom, a  $C_{1-12}$  alkyl group or a  $C_{6-12}$  aryl group; and X is an anion typified by  $SbF_6^-$ ,  $ClO_4^-$ ,  $NO_3^-$  or a halogen ion).

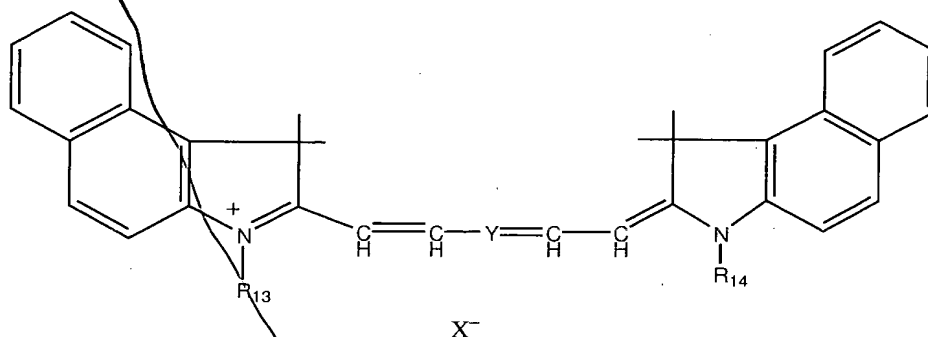
4. A near infrared absorption material according to any of Claims 1 to 3, which further contains at least one kind of dithiol-nickel complex represented by the following general formula (3):



(wherein  $R_9$  to  $R_{12}$  may be the same or different and are each a hydrogen atom, a  $C_{1-4}$  alkylene group, an aryl group, an aralkyl group, an alkylamino group, an alkoxy group or a halogen atom).

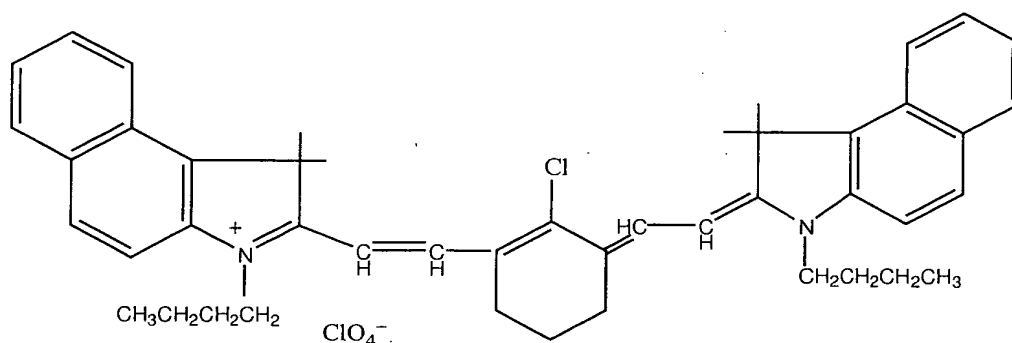
5. A near infrared absorption material according to any of Claims 1 to 3, which further contains at least one

A1 kind of polymethine dye represented by the following general formula (4):

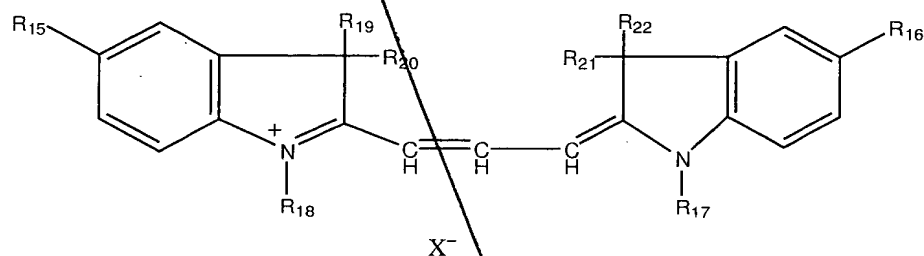


(wherein  $R_{13}$  and  $R_{14}$  may be the same or different and are each a hydrogen atom, a  $C_{1-12}$  alkyl group, a  $C_{6-12}$  aryl group, an alkenyl group, an aralkyl group or an alkynyl group; Y is a sulfur atom, a methine group or a chlorocyclohexene group; and X is an anion typified by  $SbF_6^-$ ,  $ClO_4^-$ ,  $NO_3^-$  or a halogen ion).

6. A near infrared absorption material according to Claim 5, wherein the polymethine dye is represented by the following general formula (5):



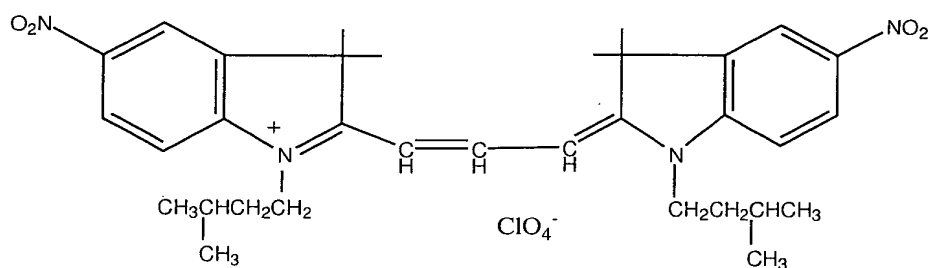
7. A near-infrared absorption material according to any of Claims 1 to 3, wherein the dye selectively absorbing a light of 550 to 620 nm wavelength region is at least one kind of cyanin dye represented by the following general formula (6) :



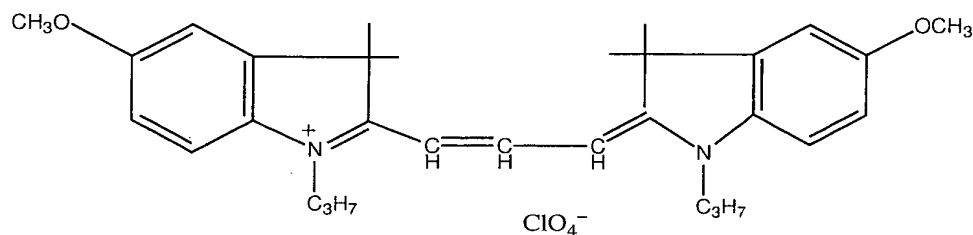
(wherein  $R_{15}$ ,  $R_{16}$ ,  $R_{19}$ ,  $R_{20}$ ,  $R_{21}$  and  $R_{22}$  may be the same or different and are each a hydrogen atom, a  $\text{C}_{1-12}$  alkyl or alkoxy group, an amino group, a cyano group, a nitro group or a carboxyl group;  $R_{17}$  and  $R_{18}$  may be the same or different and are

each a hydrogen atom, a C<sub>1-12</sub> alkyl group, a C<sub>6-12</sub> aryl group, an alkenyl group, an aralkyl group or an alkynyl group; and X is an anion typified by SbF<sub>6</sub><sup>-</sup>, ClO<sub>4</sub><sup>-</sup>, NO<sub>3</sub><sup>-</sup> or a halogen ion).

8. A near infrared absorption material according to Claim 7, wherein the dye selectively absorbing a light of 550 to 620 nm wavelength region is at least one dye selected from the dyes represented by the following general formula (7):



and the dyes represented by the following general formula (8):



9. A near infrared absorption material according to

A<sup>3</sup>

Claim 1 or 2, wherein the transparent substrate is made from a polycarbonate, a polyarylate or both of them.

10. A near infrared absorption material according to Claim 1 or 2, wherein the transparent substrate is made from at least one kind selected from a polyethylene terephthalate, a polyethylene naphthalate and a polycycloolefin.

11. A filter for plasma display panel, made from a near infrared absorption material set forth in any of Claims 1 to 10.

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